

Internal File

OK

2001 Annual Report Review

Permittee:	Andalex Resources, Inc.	
Mine Name:	Centennial	
Permit Number:	C/007/019	
Date Report Received:	April 1, 2002 at the Salt Lake Office	
Assigned Reviewers:	Peter Hess <i>PHH by RTR</i>	Date Completed ▼ 4/16/2002
	Gregg Galecki <i>GAG</i>	04/17/2002
	Joe Helfrich, Biology <i>JGH</i>	04/17/2002

Instructions: The assigned staff will review their respective portions of the Annual report and provide a written determination (findings) on how the mine has or has not met the permit requirements for reporting. If the report is deficient or remedial action is required to obtain compliance, this should be noted and the inspector notified. Once all reviewers have completed the report, they should initial it and a copy will be filed in the Mine Internal File.

Assignments:

Inspectors:	Review each cover sheet, AVS Legal/Financial, Mine Sequence Maps.
Hydrologists:	Review Water Monitoring Data, Precipitation and Climatological Data, Non-Coal Waste
Biologists:	Review Vegetation/Revegetation Success Monitoring, Raptor Survey
Engineers:	Review Subsidence Monitoring Data, Annual Impoundment Certification, Annual Overburden, Spoils, Refuse, Floor, etc.

SECTIONS TO REVIEW	SUBMITTED		FINDINGS
	YES	NO	
Cover Sheet	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The cover sheet appears to contain all required information.
AVS; Legal/ Financial Update	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The report appears complete and adequate.
Mine Sequence Map	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The permittee submitted two mine sequence maps, one for the Pinnacle Mine, and one for the Aberdeen Mine. The Aberdeen Mine completed longwall extraction activities in March in Federal lease U-69600. Approximately 1,960 feet of 730 foot face were extracted during the 3 month period. Coal production for the remainder of 2001 occurred in two areas of the Pinnacle Mine, 1 st West and Main East. Some secondary extraction was practiced in both areas; this included both slabbing of pillars as well as full extraction of pillars. A new map indicating CM extraction areas for the Pinnacle Mine was submitted at the request of this reviewer on April 25, 2002. Neither of the mine working maps is certified by a registered professional engineer or land surveyor.
Water Monitoring Data	<input checked="" type="checkbox"/>	<input type="checkbox"/>	No summary report has been submitted. Although all sites were visited for monitoring purposes during the prescribed frequency, all but two sites (Well #1 and Spring S18-1) had No Flow the entire year. Well #1 was pumped all four quarters; Spring S18-1 showed flow only during the first quarter. 2001 was the first year the Centennial Mine was required to submit water data electronically. With the exception of UPDES data, all water quality data was submitted electronically.

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	YES	NO	
Precipitation & Climatological Data	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Centennial identifies collection of runoff samples as a priority, with rain gauge records to document runoff or lack of runoff. The MRP states precip records are available upon request, but does not clearly commit to regularly report data.
Non-Coal Waste report	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	No request to leave any non-coal waste or mining equipment underground was made by the permittee. Also, no Non-Coal Waste report was required to be submitted to the Division.
Subsidence Monitoring Data	<input type="checkbox"/>	<input type="checkbox"/>	The permittee monitors fourteen points via three control points. Mr. Bruce T.S. Ware, Registered land surveyor reported on September 2, 2001 that the differential survey conducted indicated that no vertical or horizontal displacement occurred at any of the monitored points within the Centennial permit area. No subsidence impacts were noted by Mr. Ware during the walk between survey stations. The report is certified by Mr. Ware.
Annual Impoundment Certification	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	The permittee had the fourth quarter 2001 and annual impoundment certifications for ponds "B", "C" and "E" conducted by Mr. Dan Guy, Utah registered professional engineer on 12/13/2001. There were not any signs of instability or other hazardous conditions noted by Mr. Guy. Each of the ponds has the respective amount of sediment storage capacity remaining; Pond "B" @ 0.115 acre feet to cleanout. Pond "C" has 0.09 acre feet of sediment storage capacity remaining to cleanout. Pond "E" 0.548 acre feet of sediment storage capacity remaining to cleanout. All inspections reports are certified.
Annual Overburden, Spoil, Refuse, Floor, etc.	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Vegetation Data	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not Required
Revegetation Success Monitoring	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not Required
Raptor Survey	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Not Required
Other Information	<input type="checkbox"/>	<input type="checkbox"/>	

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